

ABSTRACT

Conductive composition precursor prepared by dispersing or dissolving at least one additive having high dielectric layer repairing ability in conductive polymer solution, conductive composition made by removing a medium or solvent from this composition precursor, and a method of manufacturing a solid electrolytic capacitor using this conductive composition. The additive is at least one of "phosphoric acid or phosphoric acid ester compounds", "phenol or phenol derivatives", "nitrobenzene derivatives", "alkyl naphthalene sulfonic acid anion", "fluorocarbon surface active agent" and "fluorocarbon surface active agent and binder." The surface of an anodized layer is treated with at least one of silane coupling agent, titanium coupling agent, borane coupling agent and aluminum coupling agent for providing an extremely thin insulating layer between the anodized layer and conductive polymer.